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NAME

Address City

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Attorney Docket No. 00862.018069

| First Named Inventor or Application Identifier |  |
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| OSHILI IMI KAKUTANI. ET AI                     |  |

Zip Code

Fax

| PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(p))  APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.  APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.  APPLICATION ELEMENTS  ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450  ADDRESS TO:  Commissioner for Patents Program (Appendix)  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  9. Specification Sequence Listing on: 1. CD-ROM or CD-R (2 copies); or 11. paper  1. CD-ROM or CD-R (2 copies); or 12. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet 4 document(s))  1. CD-ROM or CD-R (2 copies); or 11. English Translation Document (if applicable), and 1.36(y); an | ော                        | UTILITY   | Attorney Dock                                  | ket No.   | 00862.018069   | 200                                |
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| Confunction      | <b>PATENT APPLICATION</b> |   | First Named Inventor or Application Identifier |   |  | 3/Q<br>8/0                         |
| Express Mail Label No.   Express Mail Label No.   Express Mail Stop Patent Application Commissioner for Patents P. C. Box 1450   ADDRESS TO:   Mail Stop Patent Application Commissioner for Patents P. C. Box 1450   Alexandra, W. 22313-1450   | TRANSMITTAL               |   |  |   | T AL.  | 1.22                               |
| See MPEP chapter 600 concerning utility patent application contents.  ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450  1. X Fee Transmittal Form (Submit an original, and a duplicate for fee processing)  2. Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification  Total Pages  3. W Drawing(s) (35 USC 113)  Total Sheets  1. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper  a. X Newly executed (original or copy)  ACCOMPANYING APPLICATION PARTS  9. X Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement at ache deleting inventor(s) named in the potor application, see 37 CFR  1.63(d)(2) and 1.33(b).  6. X Application Data Sheet. See 37 CFR 1.76  11. English Translation Document (if applicable)  12. X Islamment on the computer of Attorney (when there is an assignee)  13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503)  (Should be specifically iteration)  15. Certified Copy of Priority Document(s)  16. Continuation  Divisional Continuation-in-part (CIP)  17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  Continuation  Divisional Continuation or divisional application, and a supply the requisite information:  Continuation  Prior application information:  Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, and as the reby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.   | (Only                     | for new nonprovisional applications under 37 CFR 1.53(b))   |  |   |  |                                    |
| 1. X Fee Transmittal Form (Submit an original, and a duplicate for fee processing)  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nuclectide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. CD-ROM or CD-R (2 copies); or ii. CD-ROM or CD-R (2 copies); or iii. paper  9. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS  9. X Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(s) Statement (when there is an assignee)  11. English Translation Document (if applicable)  12. X Information Disclosure  13. Preliminary Amendment  14. X Return Receipt Postscard (MPEP 503)  15. Certified Copy of Priority Document(s)  16. Other:  17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  18. CORRESPONDENCE ADDRESS  18. CORRESPONDENCE ADDRESS   | See MPE                   |   |  |   | Commissioner for Patents P.O. Box 1450   |                                    |
| See 37 CFR 1.27.  8.   | 1. X                      |   | 7.   |   | r CD-R in duplicate, large table or C  |                                    |
| b. Specification Sequence Listing on:  iCD-ROM or CD-R (2 copies); or  iipaper  aX Newly executed (original or copy)  bCopy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)  iDELETION OF INVENTORS  Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR  1.63(d)(2) and 1.33(b).  6X Application Data Sheet. See 37 CFR 1.76  English Translation Document (if applicable)  11English Translation Document (if applicable)  12X Internation Disclosure  Statement (IDS)/PTO-1449  | 2.                        | · ·   | 8.   |   | •  | ission                             |
| 4. X Drawing(s) (35 USC 113) Total Sheets 14  i. CD-ROM or CD-R (2 copies); or  5. X Oath or Declaration Total Pages 2  ii. paper  a. X Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d))  for continuation/divisional with Box 17 completed)  i. DELETION OF INVENTOR(s) Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. X Application Data Sheet. See 37 CFR 1.76  11. English Translation Document (if applicable) Information Disclosure Statement (IDS)/PTO-1449 X Copies of IDS Statement (IDS)/PTO-1449 X Copies of | 3. X                      | Specification Total Pages 34  |  |   | . ,  |                                    |
| a. X Newly executed (original or copy)  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  D. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)  i. DELETION OF INVENTOR(s) Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. X Application Data Sheet. See 37 CFR 1.76  12. X Information Disclosure 13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically Itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  Other:  17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) Prior application information:  Examiner  To CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  OS514  | 4. X                      | Drawing(s) (35 USC 113) Total Sheets 14   |  |   |  |                                    |
| ACCOMPANYING APPLICATION PARTS  b Copy from a prior application (37 CFR 1.63(d))   | 5. X                      | Oath or Declaration Total Pages 2   |  | iiı   | paper  |                                    |
| b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)  i. DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. X Application Data Sheet. See 37 CFR 1.76  11. English Translation Document (if applicable)  12. X Statement (IDS)/PTO-1449  13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Other:  17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) of prior application No. / Group/Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  05514  |                           | a. X Newly executed (original or copy)  |  | c s   | Statements verifying identity of above   | copies                             |
| Continuation  Prior application information:  Examiner  Continuation-in-part (CIP) of prior application No/  Group/Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  05514  | 6. X                      | i. DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | 10   | Assignment I 37 CFR 3.73 (when there English Trail Information Statement (I Preliminary Return Reco (Should be so Certified Co (if foreign pr | Papers (cover sheet & document(s))  (b) Statement Power  (is an assignee)  Inslation Document (if applicable)  Disclosure X Copic  (Citation Document)  Amendment  (If applicable)  (Citation Document)  (Citation Document) | es of IDS                          |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  05514  |                           | Continuation Divisional Continuation-ir   |  | of prior appl   | ication No/  |                                    |
| 18. CORRESPONDENCE ADDRESS  05514  | For CONT considered       | 'INUATION OR DIVISIONAL APPS only: The entire disclosure of the p   | al application and                             | from which an o   | path or declaration is supplied under B  | ox 5b, is<br>on <u>can only</u> be |
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| CLAIMS | (1) FOR                                | (2) NUMBER FILED             | (3) NUMBER EXTRA | (4) RATE                     | (5) CALCULATION |
|        | TOTAL CLAIMS<br>(37 CFR 1.16(c))       | 7-20 =                       | 0                | X \$ 18.00 =                 | \$0.00          |
|        | INDEPENDENT<br>CLAIMS (37 CFR 1.16(b)) | 1-3 =                        | 0                | X \$ 86.00 =                 | \$0.00          |
|        | MULTIPLE DEPENDEN                      | T CLAIMS (if applicable) (37 | CFR 1.16(d))     | \$290.00 =                   | \$0.00          |
|        |  |                              | _                | BASIC FEE<br>(37 CFR 1.16(a) | \$770.00        |
|        |  |                              | Total of         | ahawa Oalawlatiana a         | 6770.00         |

Total of above Calculations = \$770.00

Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).

TOTAL = \$770.00

| 19. | Small e          | entity stat         | us  |
|-----|------------------|---------------------|---|
|     | a.               |                     | A small entity statement is enclosed  |
|     | b.               |                     | A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired. |
|     | C.               |                     | Is no longer claimed.   |
| 20. | X                | A check             | k in the amount of \$_770.00 to cover the filing fee is enclosed.   |
| 21. | $\Box$ X         | A check             | k in the amount of \$ 40.00 to cover the recordal fee is enclosed.  |
| 22. | The Co<br>No. 06 | mmissior<br>5-1205: | ner is hereby authorized to credit overpayments or charge the following fees to Deposit Account                         |
|     | <b>a</b> .       | X                   | Fees required under 37 CFR 1.16.  |
|     | b.               | X                   | Fees required under 37 CFR 1.17.  |
|     | C.               |                     | Fees required under 37 CFR 1.18.  |
|     |                  |                     |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED |                                       |  |  |  |
|---|---------------------------------------|--|--|--|
| NAME  | William M. Wannisky - Reg. No. 28,373 |  |  |  |
| SIGNATURE   | We lu Wala                            |  |  |  |
| DATE  | April 8, 2004                         |  |  |  |

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